

Agenda of (Insert Meeting Date)
Item No. (Leave Blank)

Contract No. (Insert)
C.O./Amendment No. (Insert)

TO: Board of Water Commissioners
City of Detroit, Michigan

FROM: (b)(6), (b) (7)(C), Director
Water and Sewerage Department

DATE: (Date of Board Meeting)

RE: (Description of Item)

I. Motion:

Upon recommendation of (Name of Asst. Director or EMT, and Division), the Board of Water Commissioners authorizes the Director to **modify the scope of work at no cost increase and a (TIME) day time extension to DWS-844A: Departmentwide Security System Upgrade, DFT Security Team**, and also authorizes the Director to take such other action as may be necessary to accomplish the intent of this vote.

II. Justification:

The security systems at the Wastewater Treatment Plant are currently connected to the business network. Also, the fire alarm network at the Wastewater Treatment Plant and several panels at the Central Services facility are connected to the business network. The effectiveness of the security systems have been adversely affected due to bandwidth limitations and computer viruses existing on the business network. Regarding the above fire alarm systems, several fire alarm panels proposed to be tied into the Lenel security system were either not identified or not installed at the time of DWS-844A RFP preparation. Migration of both systems to the new security network will benefit DWSD. Available security system bandwidth will increase, computer virus intrusions upon the system will be obviated, and signals from both networks will report to a single monitoring point.

III. Project Task/Costs:

A.	Original Contract Price:	\$ 21,283,850.00
	Change Order No. 1	\$ XXX.xx
	Total	\$

- | | | |
|----|----------------|-----------------|
| B. | Time Extension | X Calendar Days |
|----|----------------|-----------------|
- IV. Management Status:
- | | | |
|----|---------------------------------------|------------------|
| A. | Start Work Date: | October 8, 2005 |
| B. | Original Substantial Completion Date: | October 8, 2005 |
| | Original Final Completion Date: | October 8, 2007 |
| C. | Revised Substantial Completion Date: | January 7, 2006 |
| | Revised Final Completion Date: | January 7, 2008 |
| D. | Original Contract Amount: | \$ 21,283,850.00 |
| E. | Change Order No. 1: | \$ 2,885,198.91 |
| F. | Revised Contract Amount: | \$ 24,169,048.91 |

This recommendation was considered by the Board of Water Commissions and action taken as noted below.

ACTION: _____ **DATE:** _____

BY: _____
 (b)(6), (b) (7)(C) _____, Director

BACKGROUND

Wastewater Treatment Plant Security Migration Work:

The existing security equipment panels at the Wastewater Treatment Plant (WWTP) are connected to the Business Network. In the past, Security has been adversely affected by the bandwidth limitation and viruses on the Business Network. Both issues will be obviated with migration of the WWTP security systems to the Security Network. Migration of the equipment and systems of the Water Treatment Plants to the Security Network has already been accomplished under Contract M-343; all remaining DWSD facilities (sanitary/booster stations, and all manned facilities such as Livernois Center, CSF, and MOB) have been incorporated into the security network under DWS-844A.

Contract PC-744, Task DWP-1047 provided for preparatory work for the Security migration, however, insufficient funds were unavailable to perform the entire migration work.

Fire Alarm Work:

Ten (10) fire alarm stations across the WWTP and the Central Services Facility (CSF) need to be tied into the Fire Alarm Receiver installed at the DWSD-Security Control Center through DWS-844A. The Fire Alarm Stations need to be tied to the Lenel Security System for reporting fire, trouble, and supervisory alarms. Several Fire Alarm Stations at both WWTP and CSF were not in place at the time of the DWS-844A RFP preparation; the remaining operational panels were not identified for migration work.